

## UTILITIES AND THOROUGHFARES

### Water Supply

Water supply is one of the most important factors influencing community development. Without an adequate supply, community growth is limited. There are two sources of water supply - surface water and ground water, and two methods of distribution - through public facilities (water lines) and from individual wells.

Stantonsburg's population is served entirely by ground water which is distributed through water mains to all areas of Town. From the standpoint of land use, all of Stantonsburg's developed areas are served by public water. The size and location of existing water lines in Town are shown on Map #4. Most of these lines were installed in the 1930's.

Two wells are the only source of water supply serving the Town. Each well is used as the source of supply on alternate weeks. Well No. 1, which is located on Main Street (on the west side of Town), is drilled to a depth of 187 feet and pumps 183 gallons per minute. Well No. 3, located on Saratoga Road, is also drilled to a depth of 187 feet but pumps 125 gallons per minute.

The existing water treatment plant, which was constructed in 1960, has a capacity of 175 thousand gallons per day but currently carries an average load of 100 thousand gallons per day.\* Chlorination is presently being used in the treatment of the Town's water supply. The reduction of the iron content in the raw water supplied by the above mentioned wells by aeration and the addition of chemicals (to reduce iron to an insoluble form) makes Stantonsburg's water as palatable as any to be found anywhere in the Eastern Coastal Plain region of North Carolina.

The Town has two elevated tanks and one ground reservoir for the storage of water. The elevated tank, located on Commercial Avenue (opposite Travis Street), has a capacity of 35,000 gallons while the elevated tank located on Saratoga Road has a capacity of 100,000 gallons. The ground reservoir has a storage capacity of 65,000 gallons and is located within the Town's filter treatment plant complex.

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\* An additional filter at the treatment plant would double the present treatment capacity of this plant.